

SITUATION REPORT	INCIDENT Hurricane Harvey Texas	OPERATIONAL PERIOD DATES: September 7, 2017 TIMES:0700-0700	REPORTING UNIT ESF-10 EPA	FORM - 01/1999 209
<div data-bbox="110 237 438 268"> <p>▪ CURRENT SITUATION</p> </div> <div data-bbox="110 268 373 300"> <p>See Accomplishments</p> </div> <div data-bbox="110 331 370 363"> <p>▪ CRITICAL ISSUE</p> </div> <div data-bbox="110 363 332 394"> <p>None at this time.</p> </div> <div data-bbox="110 453 621 485"> <p>▪ CASUALTY REPORT(Civilian/Federal)</p> </div> <div data-bbox="110 485 248 516"> <p>No injuries</p> </div> <div data-bbox="110 575 430 606"> <p>▪ ACCOMPLISHMENTS</p> </div> <div data-bbox="110 638 1510 726"> <p>- EPA has reviewed the emergency hurricane debris management guidance on the TCEQ website and concurs with its use. EPA has recommended the State consider particulate monitoring (PM10) in areas of temporary debris management sites, where practicable, to capture PM10 associated with burning activities.</p> </div> <div data-bbox="110 758 1510 819"> <p>- EPA released data generated from the sampling of flood water and ambient air during the Arkema fires. No detections were above levels of concern outside the 1.5-mile evacuation area.</p> </div> <div data-bbox="110 850 1510 938"> <p>- EPA /TCEQ/City of Houston also released TAGA air monitoring data from the Manchester neighborhood in Houston. Air monitoring results indicate no chemical concentration above the state selected screening levels. EPA continues to investigate complaints in the area.</p> </div> <div data-bbox="110 1001 1510 1092"> <p>- EPA is in Unified Command along with TCEQ, TGLO, and USCG with branches in Corpus Christi, Port Arthur, and Houston conducting hazard evaluations, water/wastewater infrastructure assessments, oil discharges, emergency response recovery, container recovery, and air reconnaissance.</p> </div> <div data-bbox="110 1123 1510 1184"> <p>- EPA and TCEQ have completed surveys of 4,852 drinking water facilities and 2,908 wastewater facilities in the impacted area. EPA 10</p> </div> <div data-bbox="110 1215 576 1247"> <p><u>CORPUS CHRISTI (ALPHA BRANCH):</u></p> </div> <div data-bbox="110 1278 1510 1339"> <p>- One water and one land team were added to the Hazard Evaluation group in order to evaluate the remaining three targets identified during previous Hazard Evaluation Mobilizations.</p> </div> <div data-bbox="110 1371 1510 1432"> <p>- Oil Discharge Response Teams coordinated and monitored Responsible Party led operations in Island Moorings, Rattle Snake Point, Holiday Beach, Ingleside, Seadrift, Harbor of Refuge.</p> </div> <div data-bbox="110 1463 1510 1524"> <p>- HE Teams assessed the drainage area behind the Voestalpine unloading dock in San Patricio County. Soil/sediment samples were collected at the site and in the Corpus Christi Bay near a storm drain that discharges into the bay.</p> </div> <div data-bbox="110 1556 1510 1617"> <p>- EPA continued oversight of the transfer of petroleum from the Signet Enterprise vessel in Aransas Pass. A total of 74,000 gallons have been transferred. All remaining petrochemical products are in the process of being removed.</p> </div> <div data-bbox="110 1648 747 1680"> <p>- EPA teams continued recovery of orphan containers.</p> </div> <div data-bbox="110 1711 488 1743"> <p><u>HOUSTON (BRAVO BRANCH):</u></p> </div> <div data-bbox="110 1774 1510 1862"> <p>- The TAGA was not operational due to a technical malfunction. Air monitoring in southeast Houston near multiple chemical facilities was conducted by EPA using hand-held equipment. A second EPA TAGA is enroute from Las Vegas, Nevada.</p> </div> <div data-bbox="110 1894 1510 1982"> <p>- EPA deployed four air quality technical specialists. The specialists will conduct surveillance in the Manchester area to evaluate potential sources of volatile organic compounds and benzene that have been detected in the area recently. They will perform air monitoring, evaluate data and conduct facility assessments, as appropriate.</p> </div>				

- The Air Recon Team conducted an aerial overflight of Bastrop, Lee and Fayette Counties, and the Brazos River in Fort Bend County with nothing significant to report. They did identify three sunken sailing vessels with no evidence of a discharge near Galveston Island. The Air Recon Team also assessed a reported sheen. It did not appear to be an ongoing discharge; however, the site will not be closed until further assessment can be conducted.
- EPA continued on-site oversight of the PRP assessment of San Jacinto Waste Pits Superfund site. The Dive Team continued to monitor activities and identify areas of interest. Surface water and sediment sampling is complete.
- Nine vacuum truckloads of approximately 45,000 gallons of storm water were removed and shipped offsite for disposal from the U.S. Oil Recovery NPL site. No sheen or odor was observed in the overflowing water, and an additional tank is being used to maintain freeboard to keep water on-site.
- The Oil Discharge Assessment Group conducted facility site visits to verify cleanup efforts at specified targets.
- Twenty-four Hazard Evaluation (HE) Teams conducted and completed assessments in Fort Bend Wharton, Matagorda, Brazoria Counties. The Group will continue assessing Galveston and Harris Counties.
- EPA Coordinated with US Coast Guard (USCG) on a 2500-gallon fuel oil spill at the Houston Magellan facility. Cleanup of product outside of containment was completed on September 5, 2017. Product outside of the containment area is currently being collected.
- EPA's ASPECT conducted assessments over the Valero Houston Refinery and several sites in SW Houston.
- EPA continued to conduct ambient air monitoring. No assessment levels were exceeded.

PORT ARTHUR/BEAUMONT (CHARLIE BRANCH):

- The Port Arthur/Beaumont Branch has added a Hazard Evaluation/Recovery Team to be available on standby, as needed, as floodwaters recede.
- Eight HE Teams conducted assessments in Pleasure Island, China, Nome, Beaumont, the Neches River, Sour Lake, the Sabine River and Taylor Bayou. No emergent or substantial risks were posed from identified sites.
- The Discharge Assessment Team reported 125 gallons of diesel fuel was discharged at a maintenance facility outside of the Beaumont Federal Prison. The source was secured and the spill removed by an Oil Spill Removal Organization.

▪ **RESOURCES ASSIGNED (EPA Personnel Only listed)**

- Three (3) EPA personnel to support FEMA at Texas EOC in Austin
- One (1) EPA OSC to support FEMA at EOC in Denton
- Three (3) EPA at JFO in Austin
- Fifty-six (56) EPA personnel in Houston area.
- Six (6) EPA personnel in Beaumont-Port Arthur.
- Three (3) personnel assigned to fly and conduct aerial assessments on the Aspect aircraft
- Twelve (12) EPA personnel in Corpus Christi

▪ **PLANNED ACTIVITIES (next 24 – 72 hours)**

- EPA is in Unified Command in Corpus Christi, Beaumont/Port Arthur, and Houston along with TCEQ, TGLO, and USCG and will continue conducting hazard evaluations, water/wastewater infrastructure assessments, oil discharges, emergency response recovery, container recovery, and air reconnaissance
- Aerial application for vector control is scheduled to begin the night of September 9, 2017.
- EPA may participate in a Hurricane Harvey Update for environmental advocacy organizations including Environmental Integrity Project, Sierra Club, Public Citizen, Environmental Defense Fund, and Air Alliance Houston in Austin, Texas
- EPA will conduct confirmation sampling at the San Jacinto River Waste Pits Superfund site
- ASPECT flights will continue in Austin and Fort Bend, Lea, Bastrop and Fayette Counties

- Water sampling kits will be assembled by lab personnel and distributed by the Community Liaison network in counties with private residential wells.
- Community Liaisons will continue to deploy to the EOCs to disseminate information on the hazards of flood waters, mold, residential well water testing, and other issues for residents, local businesses, and other agencies.
- EPA will continue to participate in the Vector Control Task Force.
- EPA will continue mobile air monitoring and the use of the EPA's mobile air monitoring Trace Atmospheric Gas Analyzer (TAGA) in Houston once repairs are complete.
- EPA personnel deployments to Austin, Beaumont-Port Arthur, Houston and Corpus Christi will continue throughout the week.
- EPA will continue post-hurricane confirmation sampling at NPL Superfund sites in the impacted areas of Texas.

▪ **ADDITIONAL INFORMATION**

Additional resource/personnel orders will be submitted to our ESF 10 Grp/Sup as this incident continues to evolve.

Incident Support Team Leader **Mike McAteer – 214 354 9371**

DISTRIBUTION:

IST: Plans Section

DATE 08 September 2017

TIME 1000 hours